

The Tempe Way



MISSION:

To make Tempe the best place to live, work and play.

VALUES:

People... Integrity... Respect... Openness... Creativity... Quality...

SENIOR PLAN CHECK ENGINEER

Purpose:

To actively support and uphold the City's stated mission and values. To perform all duties of a Plan Check Engineer (structural, mechanical, electrical, plumbing and fire protection) in examining complex professional plans and engineering calculations to ensure compliance with City building codes, national safety standards, and zoning ordinances; and to provide direct technical support to the Permit Center.

Supervision Received and Exercised:

Receives general direction from the Plan Check Administrator or from other supervisory or management staff.

Examples of Duties:

This class specification is intended to indicate the basic nature of positions allocated to the class and examples of typical duties that may be assigned. It does not imply that all positions within the class perform all of the duties listed, nor does it necessarily list all possible duties that may be assigned.

Duties may include, but are not limited to, the following:

- Examine plans and specifications for commercial, industrial and multi-family projects to determine compliance with the provisions of the City's building, mechanical, electrical, plumbing codes, fire sprinkler protection requirements and zoning ordinance.
- Examine plans and specifications for pre-determined types of the projects at Permit Center to allow expedited permit issuance.
- Identify defects or inadequacies; prepare plan check correction reports and require that corrections be made to meet the requirements of pertinent City codes.
- Approve plans that comply; approve permits for construction.
- Analyze engineering design and calculations.
- Evaluate test reports and calculations such as truss reports, hydraulic calculations, electrical load calcs, soil analysis reports, etc.

CITY OF TEMPE

Senior Plan Check Engineer (continued)

- Confer with architects, engineers, contractors and owners on proposed projects to resolve unusual problems; provide technical information and recommendations during review of requests to use alternate materials or modifications to code provisions.
- Make field inspections to determine engineering integrity or proper installation of unusual design, materials or equipment.
- Identify defects or inadequacies found; require that deficiencies be corrected to meet requirements of applicable codes.
- Respond to questions and advise architects, inspectors, engineers and the public regarding all codes and zoning ordinances; may advise building inspectors of unusual design, construction or installation problems.
- Perform related duties as assigned.

Experience and Training Guidelines:

Any combination of experience and training that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

Experience:

Four years of responsible building construction experience with commercial, industrial and multi-family projects, including experience in structural, mechanical, electrical, plumbing, and automatic fire extinguishing systems. Two of the four years should include examining plans and engineering calculations to determine compliance with the Uniform Building Codes.

Training:

Equivalent to a Bachelor's degree from an accredited college or university with major course work in architecture, civil, structural, electrical, mechanical engineering or related field.

Licenses/Certifications:

May require the possession of, or ability to obtain, an appropriate, valid Arizona driver's license.

Possession of I.C.B.O. Plans Examiner Certification.

When assigned to structural analysis, registration as a professional engineer (PE) will be required.

CITY OF TEMPE

Senior Plan Check Engineer (continued)

This position is included in the City's classified service, pursuant to City of Tempe Personnel Rules and Regulations, Rule 1, Section 104.

Job Code: 7142

Salary Range: 39

Compensation Plan: P40 / Regular

FLSA: Exempt